



cross dispersion spectrometer interference

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ANM Veklich, VAM Zhovtyanskii - Journal of Applied Spectroscopy, 1989 -

Springer

... a Fabry-Perot interferometer with **cross dispersion** to give ... A high-aperture **spectrometer** has considerable astigmatism ... and the modulating **interference** fringes (in ...

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Experimental Test of the Pion-Nucleon Forward Dispersion Relations at High Energies - group of 4 »

KJ Foley, RS Jones, SJ Lindenbaum, WA Love, S ... - Physical Review Letters, 1967 - APS

... that a well-defined particle would traverse the **spectrometer** and be ... If the total **cross** section obeys the Froissart bound, the **dispersion** integral is ...

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Dispersion of Raman Cross Section in CdS and ZnO over a Wide Energy Range - group of 2

»

RH Callender, SS Sussman, M Selders, RK Chang - Physical Review B, 1973 - APS

... 1- RCdS) $\exp[(ad)C_0]$ (Cd 2 7 3790 **DISPERSION** OF RAMAN **CROSS** SECTION IN ... as limited by the collection-optics magnifi- cation and the **spectrometer**-slit height ...

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... TUNNELING OF UCN THROUGH THE MOVING INTERFERENCE FILTER AND EXPERIMENTAL TEST OF THE UCN DISPERSION ... - group of 2 »

AI Frank, SN Balashov, IV Bondarenko, P Geltenbort ... - jinn.ru

... The **cross** section of this scattering depends on the ... We have constructed a special **spectrometer** dedicated to ... experimental test of the UCN **dispersion** law [13Å14 ...

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[CITATION] Un spectromètre imageur pour l'astronomie

E LE COARER, Y GEORGELIN, G MONNET - Comptes rendus de l'Académie des sciences. Série 2, ..., 1992 - Gauthier-Villars

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Spectral interference between two beams in a Michelson interferometer and modulation of the spectrum ... - group of 3 »

P Hlubina - Proceedings of SPIE, 2003 - link.aip.org

... utilizing a high-resolution **spectrometer** in the ... A **cross**- correlation procedure between the experimental and ... wavelength dependence affected by **dispersion** of the ...

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PYTHEAS: A multi-channel Fabry-Perot spectrometer for astronomical imaging.

E Le Coarer, S Bensammar, G Comte, JL Gach, Y ... - Astronomy and Astrophysics, 1995 - adsabs.harvard.edu

... As in a **cross dispersion** technique; we simultaneously observe all the **interference** orders which ... located at the entrance of this **spectrometer**

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Dispersion spectroscopy of liquid thin films

KPA Koch, HA Schlemmer, MA Mächler - Analytical and Bioanalytical Chemistry, 1986 - Springer

... mm diameter channel without change of **cross** sectional area ... is a second generation opti- cal multichannel **spectrometer**. ... is reduced to a **dispersion** spectrum in ...
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Interference between Raman resonances in four-wave difference mixing - group of 2 »

H Lotem, RT Lynch Jr, N Bloembergen - Physical Review A, 1976 - APS

... measured with a commercial Cary 82 Raman **spectrometer**. ... without including the detailed Raman **cross** section of ... of curves describing the "**dispersion** surface" of X ...

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... and analyzing powers for pp elastic scattering at 1.46 GeV/c in the Coulomb-nuclear

interference ... - group of 3 »

G Pauletta, G Adams, SM Haji-saeid, GJ Igo, JB ... - Physical Review C, 1983 - APS

... Both differential **cross** sections and analyzing powers $A(0)$ were ... 1. HRS beam line and **spectrometer**. ... the HRS line where its momentum **dispersion** is increased (by ...

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... : I. A fully automated, easy to use, self-aligning **spectrometer** with increased stability and ... - group of 3 »

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B Hillebrands - Review of Scientific Instruments, 1999 - kluedo.ub.uni-kl.de

... easy to use, self-aligning **spectrometer** with increased ... and acoustic isolation of the **etalon** mirrors can be ... by a box surrounding the **interferometer** setup and ...

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Self-referencing spectral interferometry for measuring ultrashort optical pulses

C Iaconis, IA Walmsley - Quantum Electronics, IEEE Journal of, 1999 - ieeexplore.ieee.org

... SPIDER apparatus, and the same **spectrometer** and inversion ... of the dispersive effects of the **etalon** or Michelson ... making SPIDER a naturally low-dispersion device. ...

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INSTRUMENTATION FOR THE SPECTRAL DISPERSION AND ISOLATION OF OPTICAL RADIATION

LRP BUTLER, K LAQUA - Spectrochimica acta. Part B: Atomic spectroscopy, 1996 - iupac.org

... 3 Multiplex **spectrometer** 3.3.4 Filter **spectrometer** ... 5.2 Optical Filters 5.3

Double-beam **Interferometer** ... Instrumentation for the spectral **dispersion** of optical ...

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Some problems of the order scanning Fabry-Perot **spectrometer** - group of 3 »

CAM Mouwen - Journal of Physics E Scientific Instruments, 1970 - iop.org

... 1 is a schematic diagram of an order scanning Fabry-Perot **spectrometer**. The **dispersion** function h (h ... f the focal length of lens (l), t the **etalon** distance, e ...

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... the Defocused Spherical Fabry-Perot **Interferometer** as a Quasi-Linear Dispersion Instrument for High ... - group of 2 »

DJ Bradley, CJ Mitchell - Philosophical Transactions of the Royal Society of London. ..., 1968 - JSTOR

... Fabry-Perot, time sequential scanning **spectrometer** is widely ... The frequency **dispersion** calibration curve of figure 11 ... traces of an **etalon** interferogram obtained ...

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Single-shot real-time characterization of chirped-pulse amplification systems by spectral phase ... - group of 3 »

C Dorrer, B de Beauvoir, C Le Blanc, S Ranc, JP ... - Opt. Lett, 1999 - OSA

... The use of a two-dimensional **spectrometer** and cylindrical ... on the two sides of 150-mm-thick solid **etalon**. The **dispersion** added to the replica coming from the ...

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Interferometric and Chirped Optical Probe Techniques for High-Pressure Equation-of-State ... - group of 3 »

DM Gold, PM Celliers, GW Collins, KS Budil, R ... - The Astrophysical Journal Supplement Series, 2000 - journals.uchicago.edu

... two velocity interferometers with different sensitivities (**etalon** delays ... the input pulse width, chirp rate, **spectrometer** spectral **dispersion**, and the ...

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